# VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

PART D-VI: LAND APPLICATION AGREEMENT - BIOSOLIDS AND INDUSTRIAL RESIDUALS					
A. This land application agreement is made on <u>\(\beta\)   \(\beta\)   \(\beta\) between <u>\(\text{Larry J. Pennington}\)</u> referred to here as "Landowner", and <u>\(\text{Maury Service Authority.}\)</u> referred to here as the "Permittee". This agreement remains in effect until it is terminated in writing by either party or, with respect to those parcels that are retained by the Landowner in the event of a sale of one or more parcels, until ownership of all parcels changes. If ownership of individual parcels identified in this agreement changes, those parcels for which ownership has changed will no longer be authorized to receive biosolids or industrial residuals under this agreement.</u>					
Landowner: The Landowner is the owner of record of the real property located in Rockbridge County, Virginia, which includes the agricultural, silvicultural or reclamation sites identified below in Table 1 and identified on the tax map(s) with county documentation identifying owners, attached as Exhibit A.					
Table 1.: Parcels authorized to re-	ceive biosolids, w	ater treatment residu	als or othe	r industrial sludges	
<u>Tax Parcel ID</u> <u>Tax</u>	Parcel ID	Tax Parcel II	2	Tax Parcel ID	
37-A-33					
37-A-50					
		And the state of t			
Additional parcels containing Land Application Site	s are identified on Sup	plement A (check if applic	cable)		
Check one: ☐ The Landowner is the Variation of the Landowner is the Lando				nerein	
In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, the Landowner shall:  1. Notify the purchaser or transferee of the applicable public access and crop management restrictions no later than the date of the property transfer; and  2. Notify the Permittee of the sale within two weeks following property transfer.  The Landowner has no other agreements for land application on the fields identified herein. The Landowner will					
notify the Permittee immediately if conditions change such that the fields are no longer available to the Permittee for application or any part of this agreement becomes invalid or the information herein contained becomes incorrect.					
The Landowner hereby grants permission to the Permittee to land apply residuals as specified below, on the agricultural sites identified above and in Exhibit A. The Landowner also grants permission for DEQ staff to conduct inspections on the land identified above, before, during or after land application of permitted residuals for the purpose of determining compliance with regulatory requirements applicable to such application.					
<u>Class B biosolids</u> <u>Water treatment resid</u> ✓ Yes □ No □ Yes □ No	duals Food □ Ye	processing waste s □ No	Other inc ☐ Yes	<u>lustrial sludges</u> □ No	
Printed name:  Larry J. Pennington  By: Title*	Mailing Address: 313 Stuart Road Fairfield, VA 2443: Phone No. 540		Landowner		
* I certify that I have authority to sign for the landowner as indicated by my title as executor, Trustee or Power of attorney, etc.					
*□ I certify that I am a responsible official [or officer] authorized to act on behalf of the following corporation, partnership, proprietorship, LLC, municipality, state or federal agency, etc.					
Permittee: <u>Maury Service Authority</u> , the Permittee, agrees to apply biosolids and/or industrial residuals on the Landowner's land in the manner authorized by the VPA Permit Regulation and in amounts not to exceed the rates identified in the nutrient management plan prepared for each land application field by a person certified in accordance with <u>§10.1-104.2 of the Code of Virginia</u> .					
The Permittee agrees to notify the Landowner or the Landowner's designee of the proposed schedule for land application and specifically prior to any particular application to the Landowner's land. Notice shall include the source of residuals to be applied.					
Printed name: Richard Allen	Mailing Address: 13			uthorized Representative	

Phone No.: 540-463-5936

Rev 6/11/2018

Title: Superintendent

#### VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT

Permittee: Maury Service Authority County or City: Rockbridge

Landowner: Larry J. Pennington

### Landowner Site Management Requirements:

I, the Landowner, I have received a DEQ Biosolids Fact Sheet that includes information regarding regulations governing the land application of biosolids, the components of biosolids and proper handling and land application of biosolids.

I have also been expressly advised by the Permittee that the site management requirements and site access restrictions identified below must be complied with after biosolids have been applied on my property in order to protect public health, and that I am responsible for the implementation of these practices.

I agree to implement the following site management practices at each site under my ownership following the land application of biosolids at the site:

 Notification Signs: I will not remove any signs posted by the Permittee for the purpose of identifying my field as a biosolids land application site, unless requested by the Permittee, until at least 30 days after land application at that site is completed.

#### 2. Public Access

- Public access to land with a high potential for public exposure shall be restricted for at least one year following any application of biosolids.
- Public access to land with a low potential for public exposure shall be restricted for at least 30 days
  following any application of biosolids. No biosolids amended soil shall be excavated or removed from
  the site during this same period of time unless adequate provisions are made to prevent public
  exposure to soil, dusts or aerosols;
- c. Turf grown on land where biosolids are applied shall not be harvested for one year after application of biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by DEQ.

### 3. Crop Restrictions:

- Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land surface shall not be harvested for 14 months after the application of biosolids.
- b. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after the application of biosolids when the biosolids remain on the land surface for a time period of four (4) or more months prior to incorporation into the soil,
- c. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months when the biosolids remain on the land surface for a time period of less than four (4) months prior to incorporation.
- d. Other food crops and fiber crops shall not be harvested for 30 days after the application of biosolids;
- e. Feed crops shall not be harvested for 30 days after the application of biosolids (60 days if fed to lactating dairy animals).

### 4. Livestock Access Restrictions:

Following biosolids application to pasture or hayland sites:

- a. Meat producing livestock shall not be grazed for 30 days,
- b. Lactating dairy animals shall not be grazed for a minimum of 60 days.
- c. Other animals shall be restricted from grazing for 30 days;
- Supplemental commercial fertilizer or manure applications will be coordinated with the biosolids and industrial
  residuals applications such that the total crop needs for nutrients are not exceeded as identified in the
  nutrient management plan developed by a person certified in accordance with §10.1-104.2 of the Code of
  Virginia;
- Tobacco, because it has been shown to accumulate cadmium, should not be grown on the Landowner's land for three years following the application of biosolids or industrial residuals which bear cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare).

Landowner's Signature

Date

# VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

PART D-VI: LAND APPLICATION AGREEMENT - BIOSOLIDS AND INDUSTRIAL RESIDUALS					
A. This land application agreement is made on					
Landowner: The Landowner is the owner of record of the real property located in Rockbridge County, Virginia, which includes the agricultural, silvicultural or reclamation sites identified below in Table 1 and identified on the tax map(s) with county documentation identifying owners, attached as Exhibit A.					
Table 1.: Parcels aut	horized to rece	ive biosolids, w	ater treatment residua	als or oth	er industrial sludges
Tax Parcel ID	Tax Pa	arcel ID	Tax Parcel ID		Tax Parcel ID
37-A-33					
37-A-50					
Additional parcels containing Land	Application Sites a	are identified on Sup	oplement A (check if applic	able)	
In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, the Landowner shall:  1. Notify the purchaser or transferee of the applicable public access and crop management restrictions no later than the date of the property transfer; and  2. Notify the Permittee of the sale within two weeks following property transfer.  The Landowner has no other agreements for land application on the fields identified herein. The Landowner will notify the Permittee immediately if conditions change such that the fields are no longer available to the Permittee for application or any part of this agreement becomes invalid or the information herein contained becomes incorrect.  The Landowner hereby grants permission to the Permittee to land apply residuals as specified below, on the agricultural sites identified above and in Exhibit A. The Landowner also grants permission for DEQ staff to conduct inspections on the land identified above, before, during or after land application of permitted residuals for the purpose of determining compliance with regulatory requirements applicable to such application.  Class B biosolids  Water treatment residuals  Food processing waste  Other industrial sludges					
✓ Yes □ No □ Yes	□ No	□ Ye		☐ Yes	□ No
Printed name: Sally Lohr By: Title*		Phone No. 54	c/o Larry Pennington 313 Stuart Road Fairfield, VA 24435 0 –463 –5936	- \$	ner Signature: Celly PLohn
* I certify that I have authority to sign for the landowner as indicated by my title as executor, Trustee or Power of attorney, etc.					
* certify that I am a responsible official [or officer] authorized to act on behalf of the following corporation, partnership, proprietorship, LLC, municipality, state or federal agency, etc.					
Permittee:  Maury Service Authority, the Permittee, agrees to apply biosolids and/or industrial residuals on the Landowner's land in the manner authorized by the VPA Permit Regulation and in amounts not to exceed the rates identified in the nutrient management plan prepared for each land application field by a person certified in accordance with §10.1-104.2 of the Code of Virginia.  The Permittee agrees to notify the Landowner or the Landowner's designee of the proposed schedule for land application and					
specifically prior to any particular		the Landowner's	land. Notice shall include	le the sou	rce of residuals to be applied.
Printed name: Richard Allen		Mailing Address: 1	L35 Bob Akins Circle	Permittee-	- Authorized Representative

Lexington, VA 24450

Phone No.: 540-463-5936

Title: Superintendent Rev 6/11/2018

Permittee: Maury Service Authority

Landowner: Sally Lohr

# Landowner Site Management Requirements:

I, the Landowner, I have received a DEQ Biosolids Fact Sheet that includes information regarding regulations governing the land application of biosolids, the components of biosolids and proper handling and land application of biosolids.

I have also been expressly advised by the Permittee that the site management requirements and site access restrictions identified below must be complied with after biosolids have been applied on my property in order to protect public health, and that I am responsible for the implementation of these practices.

I agree to implement the following site management practices at each site under my ownership following the land application of biosolids at the site:

1. Notification Signs: I will not remove any signs posted by the Permittee for the purpose of identifying my field as a biosolids land application site, unless requested by the Permittee, until at least 30 days after land application at that site is completed.

### 2. Public Access

a. Public access to land with a high potential for public exposure shall be restricted for at least one year following any application of biosolids.

b. Public access to land with a low potential for public exposure shall be restricted for at least 30 days following any application of biosolids. No biosolids amended soil shall be excavated or removed from the site during this same period of time unless adequate provisions are made to prevent public exposure to soil, dusts or aerosols:

c. Turf grown on land where biosolids are applied shall not be harvested for one year after application of biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by DEQ.

3. Crop Restrictions:

- a. Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land surface shall not be harvested for 14 months after the application of biosolids.
- b. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after the application of biosolids when the biosolids remain on the land surface for a time period of four (4) or more months prior to incorporation into the soil,
- c. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months when the biosolids remain on the land surface for a time period of less than four (4) months prior to incorporation.
- d. Other food crops and fiber crops shall not be harvested for 30 days after the application of biosolids;
- e. Feed crops shall not be harvested for 30 days after the application of biosolids (60 days if fed to lactating dairy animals).
- Livestock Access Restrictions:

Following biosolids application to pasture or hayland sites:

- a. Meat producing livestock shall not be grazed for 30 days,
- b. Lactating dairy animals shall not be grazed for a minimum of 60 days.
- Other animals shall be restricted from grazing for 30 days;
- Supplemental commercial fertilizer or manure applications will be coordinated with the biosolids and industrial residuals applications such that the total crop needs for nutrients are not exceeded as identified in the nutrient management plan developed by a person certified in accordance with §10.1-104.2 of the Code of Virginia;
- 6. Tobacco, because it has been shown to accumulate cadmium, should not be grown on the Landowner's land for three years following the application of biosolids or industrial residuals which bear cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare).

6-21-18 Date

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Rev 6/11/2018

# VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

PART D-VI: LAND APPLICATION AGREEMENT - BIOSOLIDS AND INDUSTRIAL RESIDUALS					
A. This land application agreement is made on					
Landowner: The Landowner is the owner of record of the real property located in Rockbridge County, Virginia, which includes the agricultural, silvicultural or reclamation sites identified below in Table 1 and identified on the tax map(s) with county documentation identifying owners, attached as Exhibit A.					
Table 1.: Parcels aut	horized to receive biosolids, w	ater treatment residuals o	r other industrial sludges		
Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	Tax Parcel ID		
37-A-33					
37-A-50					
Additional parcels containing Land	Application Sites are identified on Su	pplement A (check if applicable)			
Check one: ☐ The Landowner is the sole owner of the properties identified herein.  ✓ The Landowner is one of multiple owners of the properties identified herein.					
<ul> <li>In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, the Landowner shall: <ol> <li>Notify the purchaser or transferee of the applicable public access and crop management restrictions no later than the date of the property transfer; and</li> <li>Notify the Permittee of the sale within two weeks following property transfer.</li> </ol> </li> <li>The Landowner has no other agreements for land application on the fields identified herein. The Landowner will notify the Permittee immediately if conditions change such that the fields are no longer available to the Permittee for</li> </ul>					
application or any part of this agreement becomes invalid or the information herein contained becomes incorrect.  The Landowner hereby grants permission to the Permittee to land apply residuals as specified below, on the					
agricultural sites identified above and in Exhibit A. The Landowner also grants permission for DEQ staff to conduct inspections on the land identified above, before, during or after land application of permitted residuals for the purpose of determining compliance with regulatory requirements applicable to such application.					
<u>Class B biosolids</u> <u>Water to Yes □ No □ Yes</u>	reatment residuals Food		<u>her industrial sludges</u> Yes □ No		
Printed name: Vicky Sue Carr By: Title*		313 Stuart Road	downer Signature:		
* I certify that I have authority to sign for the landowner as indicated by my title as executor, Trustee or Power of attorney, etc.					
* I certify that I am a responsible official [or officer] authorized to act on behalf of the following corporation, partnership, proprietorship, LLC, municipality, state or federal agency, etc.					
Permittee: <u>Maury Service Authority</u> , the Permittee, agrees to apply biosolids and/or industrial residuals on the Landowner's land in the manner authorized by the VPA Permit Regulation and in amounts not to exceed the rates identified in the nutrient management plan prepared for each land application field by a person certified in accordance with §10.1-104.2 of the Code of Virginia.					
The Permittee agrees to notify the Landowner or the Landowner's designee of the proposed schedule for land application and specifically prior to any particular application to the Landowner's land. Notice shall include the source of residuals to be applied.					
Printed name: Richard Allen			ittee- Authorized Representative		

Rev 6/11/2018

Title: Superintendent

Signature

Lexington, VA 24450

Phone No.: 540-463-5936

#### VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT

Permittee: Maury Service Authority County or City: Rockbridge

Landowner: Vicky Sue Carr

### **Landowner Site Management Requirements:**

I, the Landowner, I have received a DEQ Biosolids Fact Sheet that includes information regarding regulations governing the land application of biosolids, the components of biosolids and proper handling and land application of biosolids.

I have also been expressly advised by the Permittee that the site management requirements and site access restrictions identified below must be complied with after biosolids have been applied on my property in order to protect public health, and that I am responsible for the implementation of these practices.

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- a. Public access to land with a high potential for public exposure shall be restricted for at least one year following any application of biosolids.
- Public access to land with a low potential for public exposure shall be restricted for at least 30 days
  following any application of biosolids. No biosolids amended soil shall be excavated or removed from
  the site during this same period of time unless adequate provisions are made to prevent public
  exposure to soil, dusts or aerosols;
- c. Turf grown on land where biosolids are applied shall not be harvested for one year after application of biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by DEQ.

### 3. Crop Restrictions:

- a. Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land surface shall not be harvested for 14 months after the application of biosolids.
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- e. Feed crops shall not be harvested for 30 days after the application of biosolids (60 days if fed to lactating dairy animals).

### 4. Livestock Access Restrictions:

Following biosolids application to pasture or hayland sites:

- a. Meat producing livestock shall not be grazed for 30 days,
- b. Lactating dairy animals shall not be grazed for a minimum of 60 days.
- c. Other animals shall be restricted from grazing for 30 days;
- Supplemental commercial fertilizer or manure applications will be coordinated with the biosolids and industrial
  residuals applications such that the total crop needs for nutrients are not exceeded as identified in the
  nutrient management plan developed by a person certified in accordance with §10.1-104.2 of the Code of
  Virginia;
- 6. Tobacco, because it has been shown to accumulate cadmium, should not be grown on the Landowner's land for three years following the application of biosolids or industrial residuals which bear cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare).

Landowher's Signature 0-31-18

Date

Rev 6/11/2018 Page 2 of 2

# Landowner Coordination Form

This form is used by the Permittee to identify properties (tax parcels) that are authorized to receive biosolids and/or industrial residuals, and each of the legal landowners of those tax parcels. A Land Application Agreement - Biosolids and Industrial Residuals form with original signature must be attached for each legal landowner identified below prior to land application at the identified parcels.

Permittee: Maury Service Authority

County or City: Rockbridge

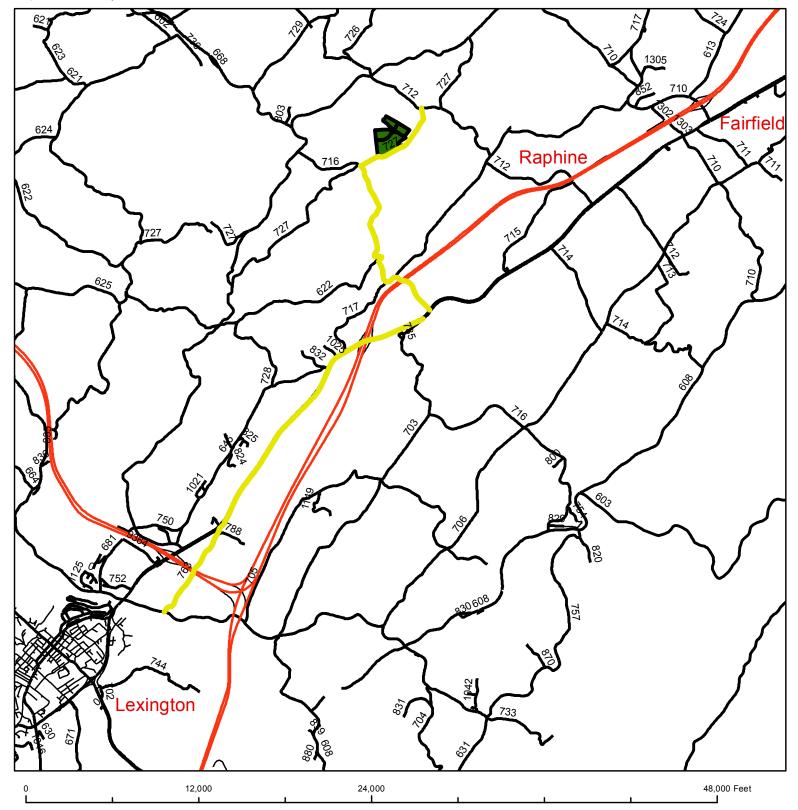
DI----

Please Print	(Landowner signatures are not required on this page			
Tax Parcel ID(s)	<u>Landowner(s)</u>			
37-A-33	Larry J. Pennington			
37-A-33	Sally Lohr			
37-A-33	Vicky Sue Carr			
37-A-50	Larry J. Pennington			
37-A-50	Sally Lohr			
37-A-50	Vicky Sue Carr			

Rev 6/11/2018

Owners: Larry J. Pennington et al.

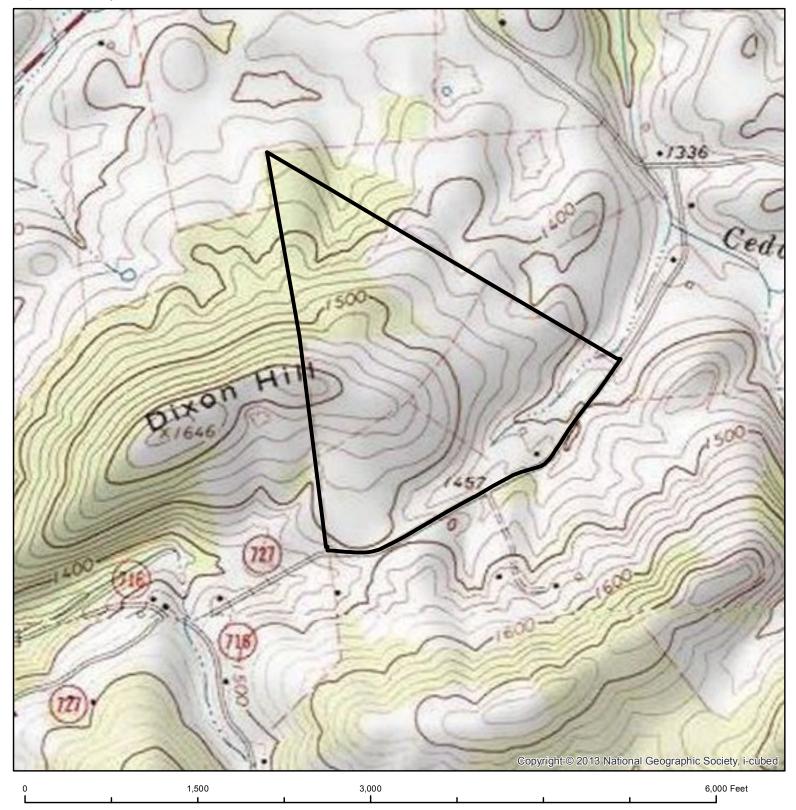
Operator: Danny Clark







Owners: Larry J. Pennington et al. Operator: Danny Clark





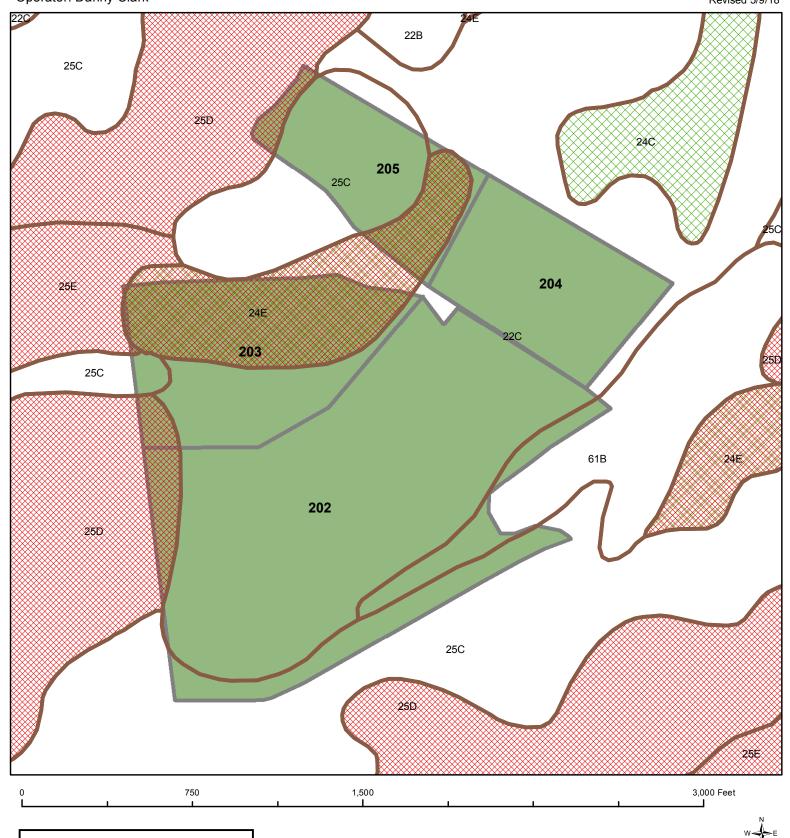
Owners: Larry J. Pennington et al. Operator: Danny Clark





Owners: Larry J. Pennington et al.

Operator: Danny Clark

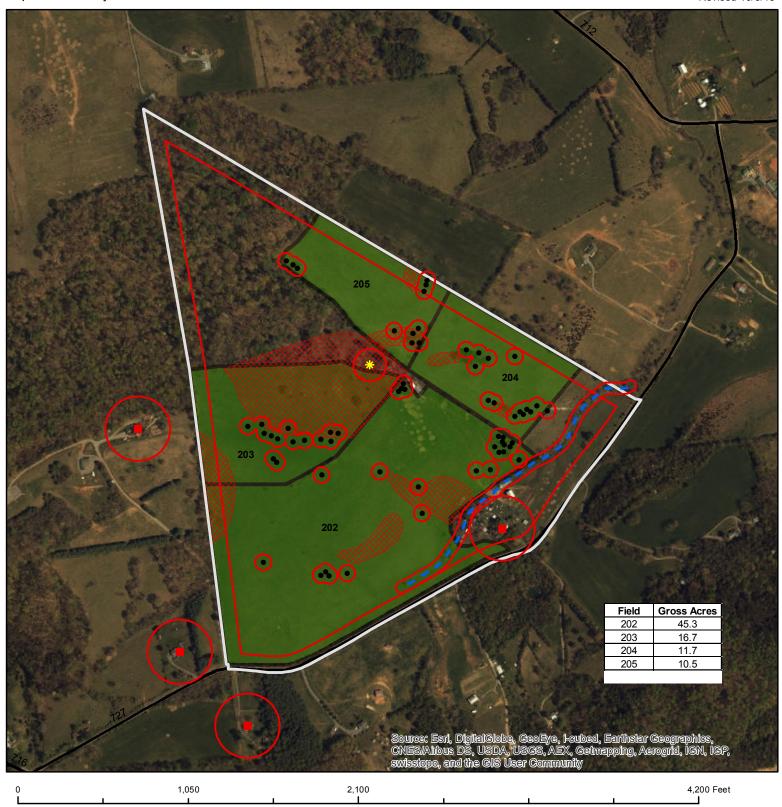


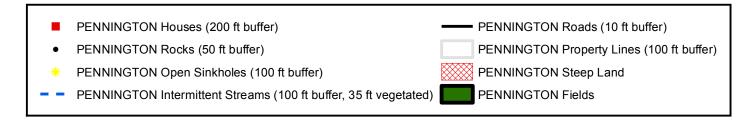




Owners: Larry J. Pennington et al.

Operator: Danny Clark Revised 10/8/18







Owners: Larry J. Pennington et al.

Operator: Danny Clark





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### Rockbridge County, VA Geographic Information System

**DISCLAIMER:**The information contained on this site is furnished by government and private industry sources and is believed to be accurate but accuracy is not guaranteed. Mapping information is a representation of various data sources and is not a substitute for information that would result from an accurate land survey. The information contained hereon does not replace information that may be obtained by consulting the information's official source. In no event shall Rockbridge County, VA or the consultants of Rockbridge County, VA be liable for any damages, direct or consequential, from the use of the information contained on this site.

Should you have questions or comments about this site, please contact:

# Rockbridge County, VA Website

Email: WebGIS Support
Webpage: WebGIS.net

Email:

dan\_grim@co.rockbridge.va.us

Developed by: Hurt & Proffitt, Inc.

Site Last Updated May 2018

<u>Help</u>

# Details hide

### **Parcels**

Parcel ID: 37-A-33

Owner: PENNINGTON LARRY J & LOHR SALLEY M PENNINGTON-CARR VICKY SUE

C/O LAWRRENCE W PENNINGTON

313 STUART ROAD FAIRFIELD VA 24435 Acres: 124.16

Description: DIXON STUART 727

Occupancy Code: 10

Occupancy Description: DWELLING

Improvements: \$74,200 Land Value: \$508,600 Total Value: \$582,800

16 Digit ID: 0370000A00000330 Instrument Number: 150002808

Attributes at point: N: 3844920, E: 11234630

# Magisterial Districts District: Walkers Creek Magisterial Precincts

Precinct: Rockbridge Baths

Polling Place: Rockbridge Baths Fire Dept.

### Zoning

1-11

Zoning: A-2

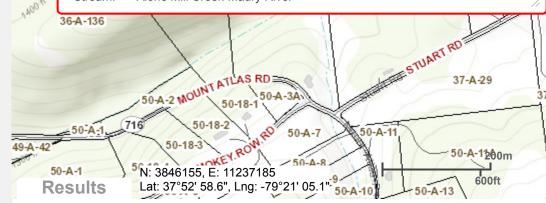
ACRES: 195739.776

Notes:

### **USDA Watersheds**

Watershed: Middle Maury River

Stream: Alone Mill Creek-Maury River



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# Rockbridge County, VA Geographic Information System

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contained on this site is furnished by government and private industry sources and is believed to be accurate but accuracy is not guaranteed. Mapping information is a representation of various data sources and is not a substitute for information that would result from an accurate land survey. The information contained hereon does not replace information that may be obtained by consulting the information's official source. In no event shall Rockbridge County, VA or the consultants of Rockbridge County, VA be liable for any damages, direct or consequential, from the use of the information contained on this site.

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# Rockbridge County, VA Website

Email: WebGIS Support
Webpage: WebGIS.net

Email:

dan\_grim@co.rockbridge.va.us

Developed by: Hurt & Proffitt, Inc.

# Details hide

### **Parcels**

Parcel ID: 37-A-50

Owner: PENNINGTON LARRY J & LOHR SALLEY M PENNINGTON-CARR VICKY SUE

C/O LAWRRENCE W PENNINGTON

313 STUART ROAD FAIRFIELD VA 24435 Acres: 124.16

Description: DIXON STUART 727

Occupancy Code: 10

Occupancy Description: DWELLING

Improvements: \$74,200 Land Value: \$508,600 Total Value: \$582,800

16 Digit ID: 0370000A00000330 Instrument Number: 150002808

### Attributes at point: N: 3846105, E: 11234684

## **Magisterial Districts**

District: Walkers Creek Magisterial Precincts

Precinct: Rockbridge Baths

Polling Place: Rockbridge Baths Fire Dept.

### Zoning

Zoning: A-2

ACRES: 195739.776

Notes:

### **USDA Watersheds**

Watershed: Middle Maury River

Stream: Alone Mill Creek-Maury River

